

Title (en)  
POINT-OF-CARE HYGIENE COMPLIANCE MODULE

Title (de)  
HYGIENEKONFORMITÄTSMODUL FÜR DIE PFLEGE

Title (fr)  
MODULE DE SOIN ET DECONFORMITÉ D'HYGIÈNE

Publication  
**EP 3263001 B1 20210915 (EN)**

Application  
**EP 17185264 A 20140114**

Priority  
• US 201361753112 P 20130116  
• US 201313833525 A 20130315  
• EP 14702696 A 20140114  
• US 2014011429 W 20140114

Abstract (en)  
[origin: US2014197194A1] A point-of-care hygiene compliance module includes a housing that is adapted to be attached to a dispensing container that dispenses material through a dispensing nozzle when actuated. The housing includes a pivoting actuation arm that is configured so as to be placed in operative contact with the dispensing nozzle. Thus, when the actuation arm is actuated, material is dispensed from the dispensing container, and a switch in operative contact with the actuation arm is actuated. The triggering of the switch updates a count value that is maintained by a controller, which may then be displayed or acquired by a remote computer to assess the amount of usage of the dispensing container.

IPC 8 full level  
**A47K 5/12** (2006.01); **G08B 21/24** (2006.01)

CPC (source: EP US)  
**A47K 5/1201** (2013.01 - EP US); **A47K 5/1205** (2013.01 - EP US); **A47K 5/1211** (2013.01 - US); **A47K 5/1217** (2013.01 - EP US); **G06M 1/27** (2013.01 - US); **G06M 1/276** (2013.01 - US); **G08B 21/245** (2013.01 - EP US); **G16H 20/13** (2017.12 - EP US); **G16H 40/20** (2017.12 - EP US); **Y02A 90/10** (2017.12 - EP US)

Citation (opposition)  
Opponent : Ecolab USA Inc.  
• EP 2177141 A2 20100421 - INGO MFG LTD [IE]  
• GB 2170780 A 19860813 - TRUMETER COMPANY LIMITED  
• US 2002150198 A1 20021017 - THOMPSON LUKE P [US], et al  
• US 2008185395 A1 20080807 - SAHUD ANDREW GRAHAM [US]  
• US 5625659 A 19970429 - SEARS LAWRENCE M [US]  
• WO 2013043461 A1 20130328 - GOJO IND INC [US], et al  
• US 6542568 B1 20030401 - HOWES JR RONALD BRUCE [US], et al  
• EP 0940110 A1 19990908 - PRODENE KLINT LAB [FR]  
• DE 202004013101 U1 20041202 - IONOX WASSER TECHNOLOGIE GMBH [DE]  
• JP 2007061157 A 20070315 - UNIV TOHOKU, et al  
• US 2009266842 A1 20091029 - SNODGRASS DAVID L [US]  
• GB 2442471 A 20080409 - WEEKS MATTHEW DAVID [GB]  
• US 4932624 A 19900612 - HOLM HARRY [SE]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 2014197194 A1 20140717**; **US 9265384 B2 20160223**; AU 2014207759 A1 20150827; BR 112015014345 A2 20170711;  
CA 2895559 A1 20140724; CA 2895559 C 20210126; CN 105050466 A 20151111; EP 2945518 A1 20151125; EP 2945518 B1 20170927;  
EP 3263001 A1 20180103; EP 3263001 B1 20210915; JP 2016515068 A 20160526; MX 2015009135 A 20151106; TW 201438651 A 20141016;  
US 10045667 B2 20180814; US 10687674 B2 20200623; US 2016128520 A1 20160512; US 2017100002 A1 20170413;  
US 2019000279 A1 20190103; US 9770141 B2 20170926; WO 2014113368 A1 20140724

DOCDB simple family (application)  
**US 201313833525 A 20130315**; AU 2014207759 A 20140114; BR 112015014345 A 20140114; CA 2895559 A 20140114;  
CN 201480003774 A 20140114; EP 14702696 A 20140114; EP 17185264 A 20140114; JP 2015552885 A 20140114;  
MX 2015009135 A 20140114; TW 103101284 A 20140114; US 2014011429 W 20140114; US 201614995481 A 20160114;  
US 201615386087 A 20161221; US 201816102287 A 20180813